

Texas Division of Emergency Management Texas State Operations Center



Situation Awareness Brief



**Tuesday, May 10th, 2022
As of 0900 CST**

Incidents Reported to the State Operations Center (last 24 hours)

| DATE | SUBJECT | LOCATION | Final Report (Y/N) |
|----------|---|------------------|--------------------|
| 05/09/22 | Report of a Structure Fire in City of Richmond | Fort Bend County | Y |
| 05/09/22 | Preliminary Earthquake Report (M3.0) | Reeves County | Y |
| 05/09/22 | Preliminary Earthquake Report (M3.0) | Reeves County | Y |
| 05/09/22 | Initial Report of the Helium Wildfire (HWY 287) | Moore County | N |
| 05/09/22 | Update Report of the Helium Wildfire (HWY 287) | Moore County | N |
| 05/09/22 | Update Report #2 of the Helium Fire | Moore County | N |
| 05/09/22 | Update Report #3 of the Helium Fire | Moore County | N |
| 05/09/22 | Update Report #3 of the Grisson Fire | Coleman County | N |
| 05/10/22 | Final Report on the Wildcat Hay Barn Fire | Lubbock County | Y |
| 50/10/22 | Update Report #4 of the Helium Fire | Moore County | N |

Informational Products

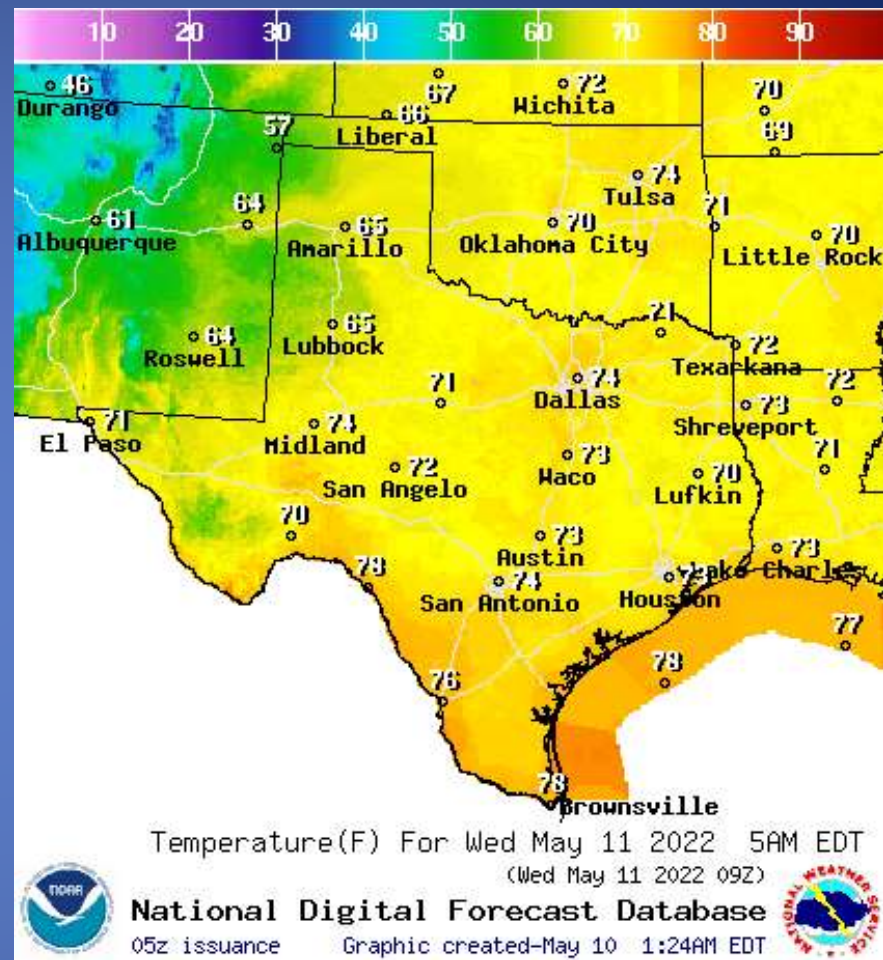
Distributed by the State Operations Center

| DATE | SUBJECT |
|----------|---|
| 05/09/22 | NWS El Paso/Santa Teresa NM: Weather Hazards Outlook |
| 05/09/22 | NWS Midland/Odessa: Weekly Weather Hazards Briefing |
| 05/09/22 | The Texas Emergency Management Conference - Update |
| 05/10/22 | NWS Austin San Antonio Situation Report: Strong to Severe Storms This Evening Across Rio Grande |

Weather Forecast

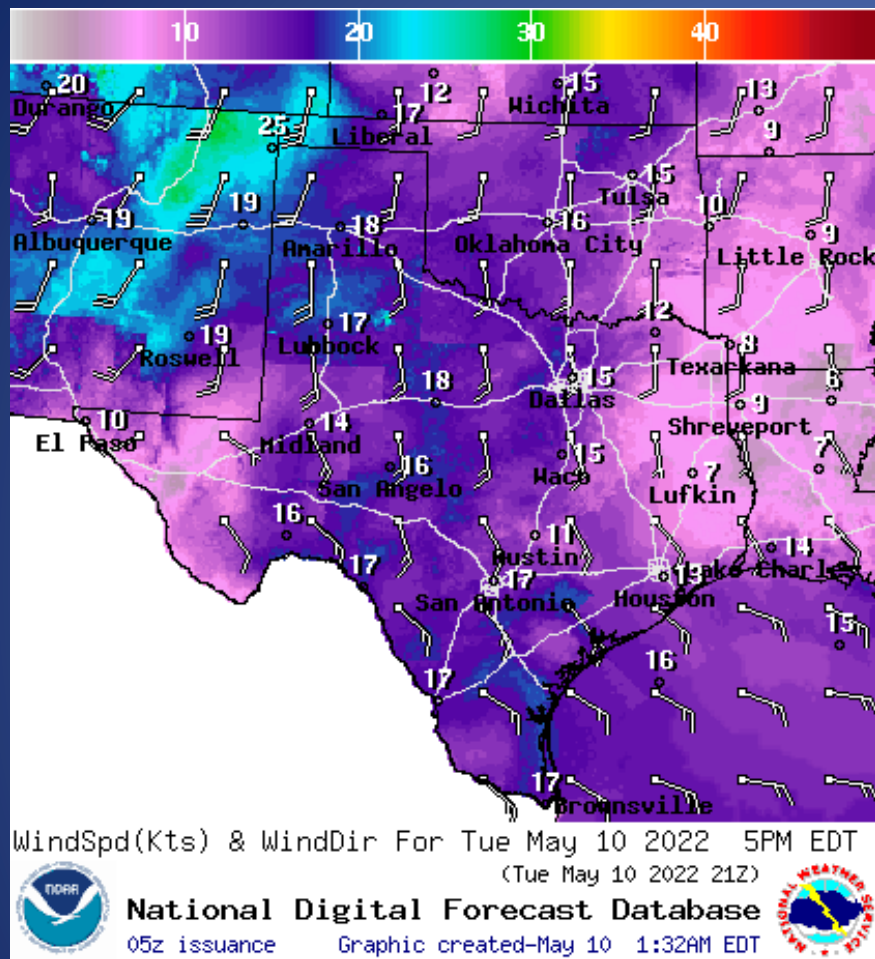


Highs

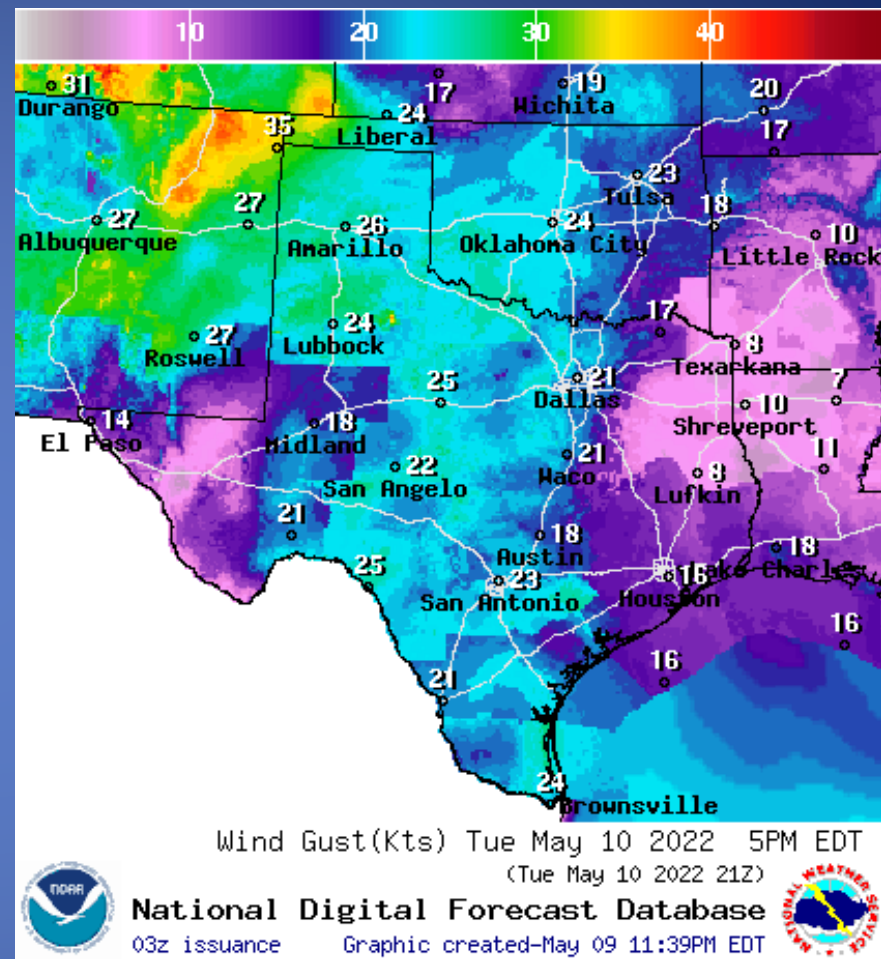


Lows

Weather Forecast

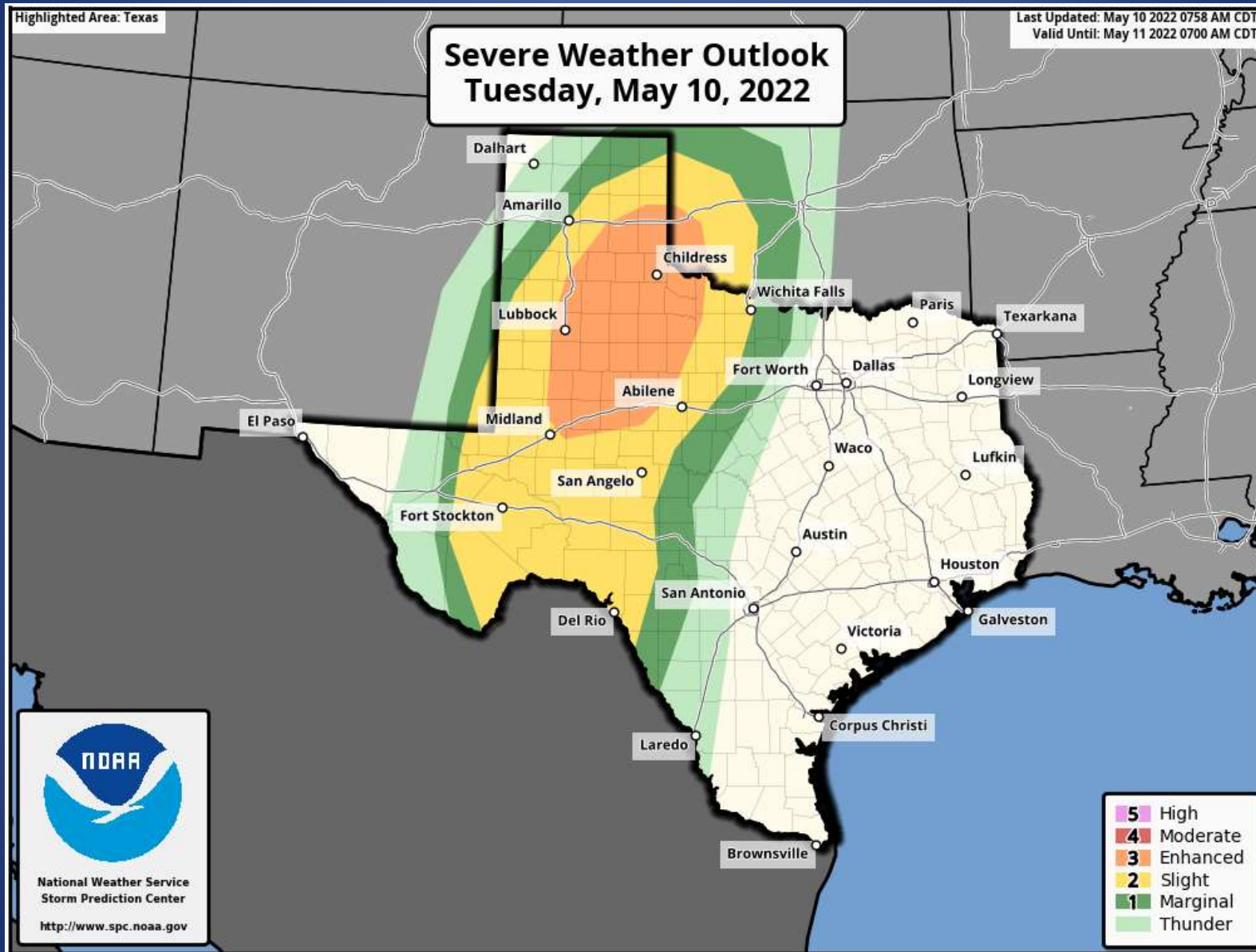


Wind Speeds



Gusts

Hazardous Weather



Hazardous Weather

Severe Thunderstorm Potential - 4 pm to 8 pm Today

Weather Forecast Office
Amarillo, TX
Issued May 10, 2022 5:23 AM CDT



IMPACT GUIDANCE

MAX HAIL SIZE (INCHES)

| | | | | | |
|----|---|------|---|-----|----|
| <1 | 1 | 1.75 | 2 | 2.5 | 3+ |
|----|---|------|---|-----|----|

MAX WIND GUSTS (MPH)

| | | | | | |
|-----|----|----|----|----|-----|
| <50 | 50 | 60 | 70 | 80 | 90+ |
|-----|----|----|----|----|-----|

TORNADO

| | | |
|------------|----------|--------|
| Not Likely | Possible | Likely |
|------------|----------|--------|

FLASH FLOODING

| | | |
|------------|----------|--------|
| Not Likely | Possible | Likely |
|------------|----------|--------|

Legend: Severe Chances

Lower → Greater



Severe Thunderstorm Potential - 8 pm to 12 am Tonight

Weather Forecast Office
Amarillo, TX
Issued May 10, 2022 5:25 AM CDT



IMPACT GUIDANCE

MAX HAIL SIZE (INCHES)

| | | | | | |
|----|---|------|---|-----|----|
| <1 | 1 | 1.75 | 2 | 2.5 | 3+ |
|----|---|------|---|-----|----|

MAX WIND GUSTS (MPH)

| | | | | | |
|-----|----|----|----|----|-----|
| <50 | 50 | 60 | 70 | 80 | 90+ |
|-----|----|----|----|----|-----|

TORNADO

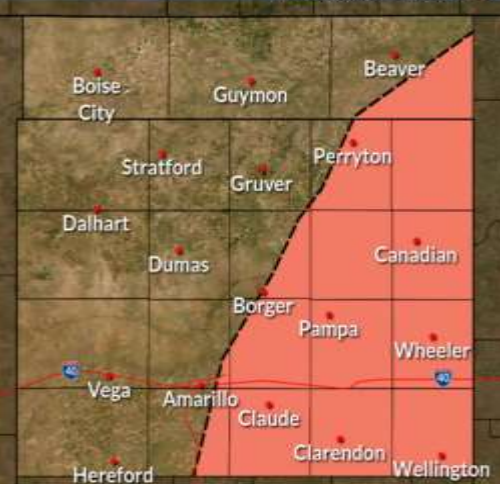
| | | |
|------------|----------|--------|
| Not Likely | Possible | Likely |
|------------|----------|--------|

FLASH FLOODING

| | | |
|------------|----------|--------|
| Not Likely | Possible | Likely |
|------------|----------|--------|

Legend: Severe Chances

Lower → Greater



Thunderstorms, some severe, will be possible across parts of the southwest, central and northeast Texas Panhandle late this afternoon and early this evening

Severe thunderstorms will be possible across parts of the eastern Oklahoma Panhandle and much of the eastern and south-central Texas Panhandle between 8 pm and Midnight.

Hazardous Weather

Wildfire Risk Today

Please use caution with any outdoor activities which could produce sparks or flames

Weather Forecast Office
Amarillo, TX

Issued May 10, 2022 4:40 AM CDT



Wildfire Conditions

GRASS DRYNESS

DRY VERY DRY **EXTREMELY DRY**

MAX WIND GUSTS (MPH)

<30 30 **40** 50 60 70+

MIN RELATIVE HUMIDITY (%)

<5 **5-10** 10-15 15-20 20+

Legend: Wildfire Risk

Critical Extreme



weather.gov/ama

Low relative humidity will combine with southwest winds of 20 to 30 mph to bring critical fire weather conditions to the western and central Oklahoma Panhandle and much of the western and central Texas Panhandle.

Tuesday Severe Thunderstorm Potential

Timing: Tuesday Evening

Weather Forecast Office
Norman, OK

Issued May 10, 2022 1:11 AM CDT



Tornado Potential

High

Medium

Low

Very Low

Maximum Hail Size

Up to Softball

Up to Baseball

Up to Golf Ball

Up to Quarter

Maximum Wind Speed

80+ mph

60 – 80 mph

Up to 60 mph



Severe Risk

High

Moderate

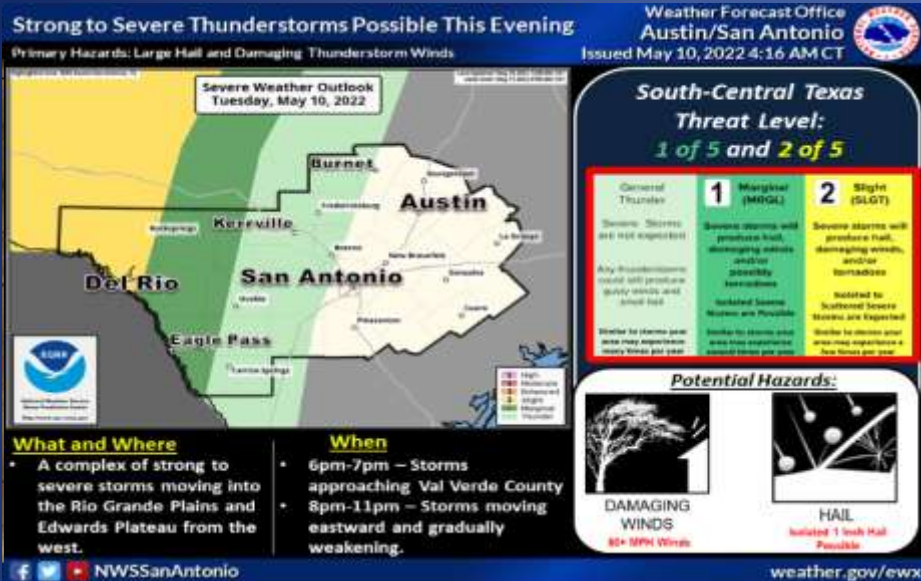
Enhanced

Slight

Marginal

weather.gov/norman

Hazardous Weather



A complex of strong to severe storms is likely across the Rio Grande Plains late this afternoon into the evening hours. A Slight Risk of Severe encompasses much of Val Verde County while a Marginal Risk of severe storms extends along and west of a Leakey to Uvalde to Carrizo Springs line. The primary threat with storms late this afternoon into the evening will be large hail and damaging thunderstorm winds.



There is a slight risk of severe storms this afternoon and evening over the Permian Basin, Trans Pecos, Big Bend, and portions of Southeast New Mexico. Severe storms are possible with large hail, damaging wind, locally heavy rain, and an isolated tornado.

Hazardous Weather



Thunderstorms may develop along a dryline this afternoon and evening. Some storms could become severe with large hail, damaging wind, brief heavy rain, and an isolated tornado.



There is a slight risk of severe thunderstorms for much of the central and eastern South Plains, southeast Texas Panhandle and all of the Rolling Plains Tuesday afternoon and evening. Scattered thunderstorms are expected to develop during the late afternoon or early evening hours and persist well into the evening before diminishing. The most intense storms will be capable of producing golf ball size hail, wind gusts of 60 to 70 mph and locally heavy rainfall.

Hazardous Weather

Possibility of Storms & Severe Weather Today

Weather Forecast Office
San Angelo, TX

Issued May 10, 2022 4:22 AM CDT



There is a chance of showers and thunderstorms in West Central Texas late afternoon and evening. The best chance of storms will be in evening...along and west of a Sterling City to Abilene to Throckmorton line...as storms from the High Plains Region move east into the Big Country.

A few storms may be severe. Main Hazards:

- Large Hail
- Damaging Winds
- Dangerous Lightning



Risk Level
Slight
Marginal
General Tsms

NWSSan Angelo

weather.gov/sjt

A chance of late day storms today

Weather Forecast Office
Lubbock, TX

Issued May 10, 2022 4:54 AM CDT



Breezy southerly winds will bring Gulf moisture back into the region



NWSLubbock

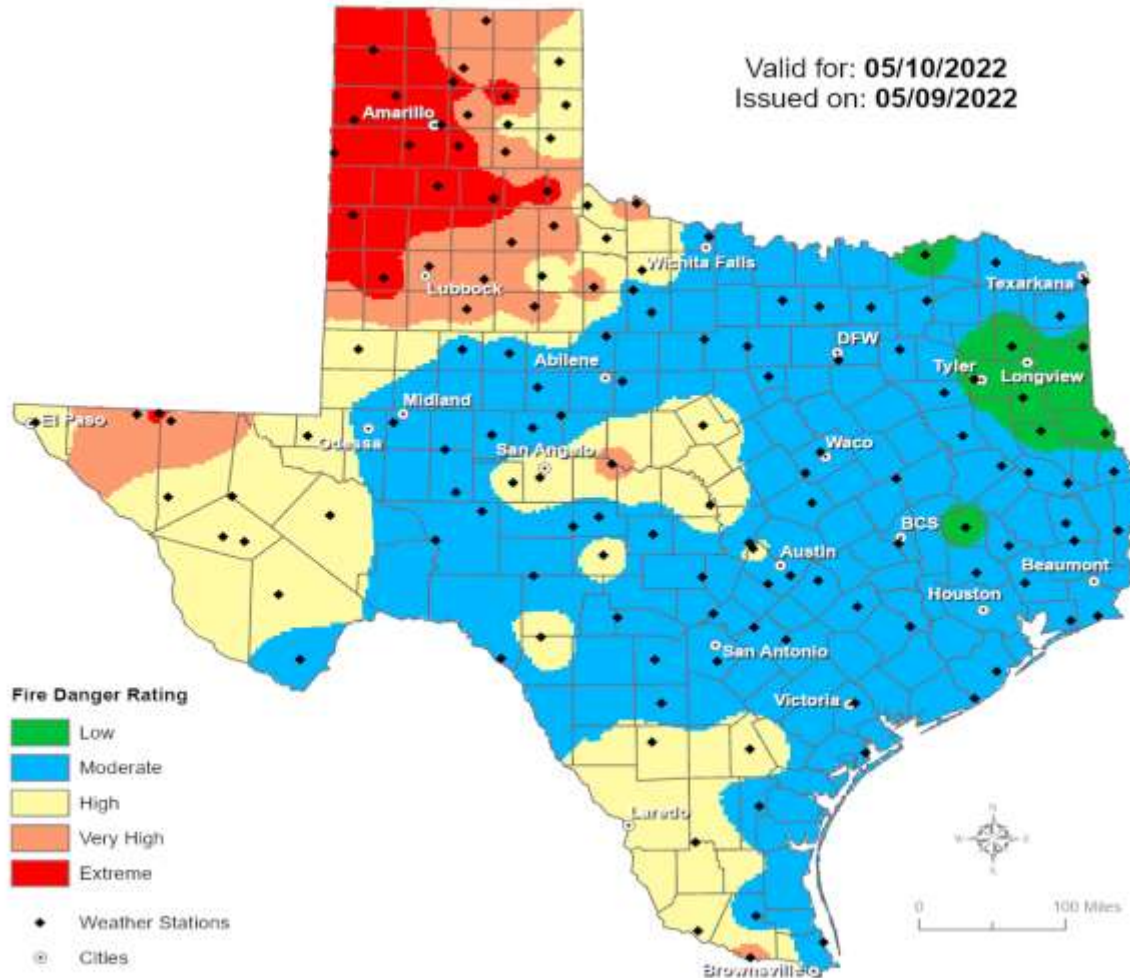
weather.gov/lub

Tuesday afternoon will be hot, but it will come with increasing low-level moisture and a decent chance of late-day storms. Temperatures will generally peak in the middle to upper 90s. Scattered thunderstorms, some severe, are expected to develop in the late afternoon and persist into the evening hours. The chance of receiving measurable rain (0.01" or more) at any particular spot is around 30-50%.

Fire Danger Forecast

Forecast Fire Danger

Valid for: 05/10/2022
Issued on: 05/09/2022



Burn Ban

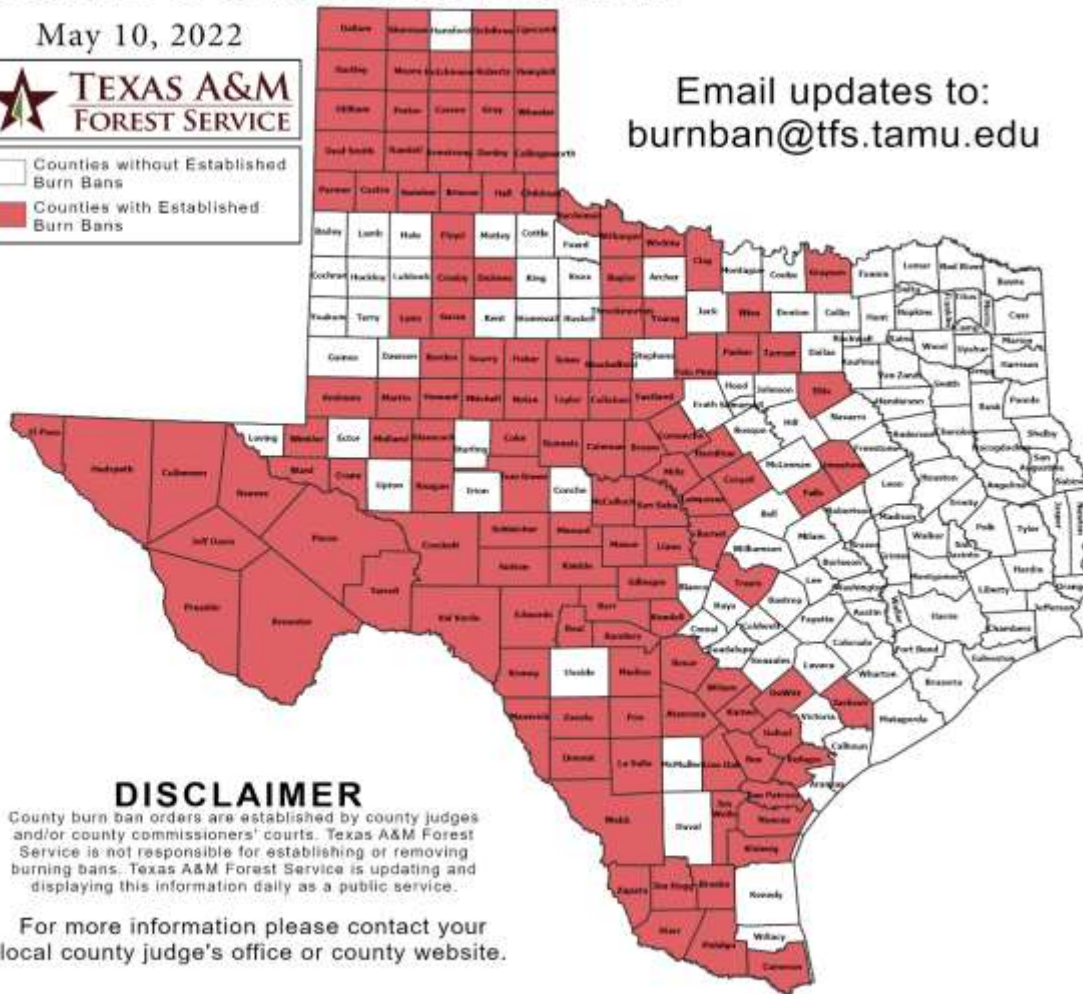
OUTDOOR BURN BANS

May 10, 2022



☐ Counties without Established Burn Bans
☒ Counties with Established Burn Bans

Email updates to:
burnban@tfs.tamu.edu



Counties with Burn Bans: 129

| | | |
|---------------|------------|--------------|
| Andrews | Gillespie | Nueces |
| Armstrong | Glasscock | Ochiltree |
| Atascosa | Goliad | Oldham |
| Bandera | Gray | Palo Pinto |
| Baylor | Grayson | Parker |
| Bee | Hall | Parmer |
| Bexar | Hamilton | Pecos |
| Borden | Hardeman | Potter |
| Brewster | Hartley | Presidio |
| Briscoe | Hemphill | Randall |
| Brooks | Hidalgo | Reagan |
| Brown | Howard | Real |
| Burnet | Hudspeth | Reeves |
| Callahan | Hutchinson | Refugio |
| Cameron | Jackson | Roberts |
| Carson | Jeff Davis | Runnels |
| Castro | Jim Hogg | San Patricio |
| Childress | Jim Wells | San Saba |
| Clay | Jones | Schleicher |
| Coke | Karnes | Scurry |
| Coleman | Kendall | Shackelford |
| Collingsworth | Kerr | Sherman |
| Comanche | Kimble | Starr |
| Coryell | Kinney | Sutton |
| Crane | Kleberg | Swisher |
| Crockett | Lampasas | Tarrant |
| Crosby | La Salle | Taylor |
| Culberson | Limestone | Terrell |
| Dallam | Lipscomb | Throckmorton |
| Deaf Smith | Live Oak | Tom Green |
| DeWitt | Llano | Travis |
| Dickens | Lynn | Val Verde |
| Dimmit | McCulloch | Ward |
| Donley | Martin | Webb |
| Eastland | Mason | Wheeler |
| Edwards | Maverick | Wichita |
| Ellis | Medina | Wilbarger |
| El Paso | Menard | Wilson |
| Falls | Midland | Winkler |
| Fisher | Mills | Wise |
| Floyd | Mitchell | Young |
| Frio | Moore | Zapata |
| Garza | Nolan | Zavala |

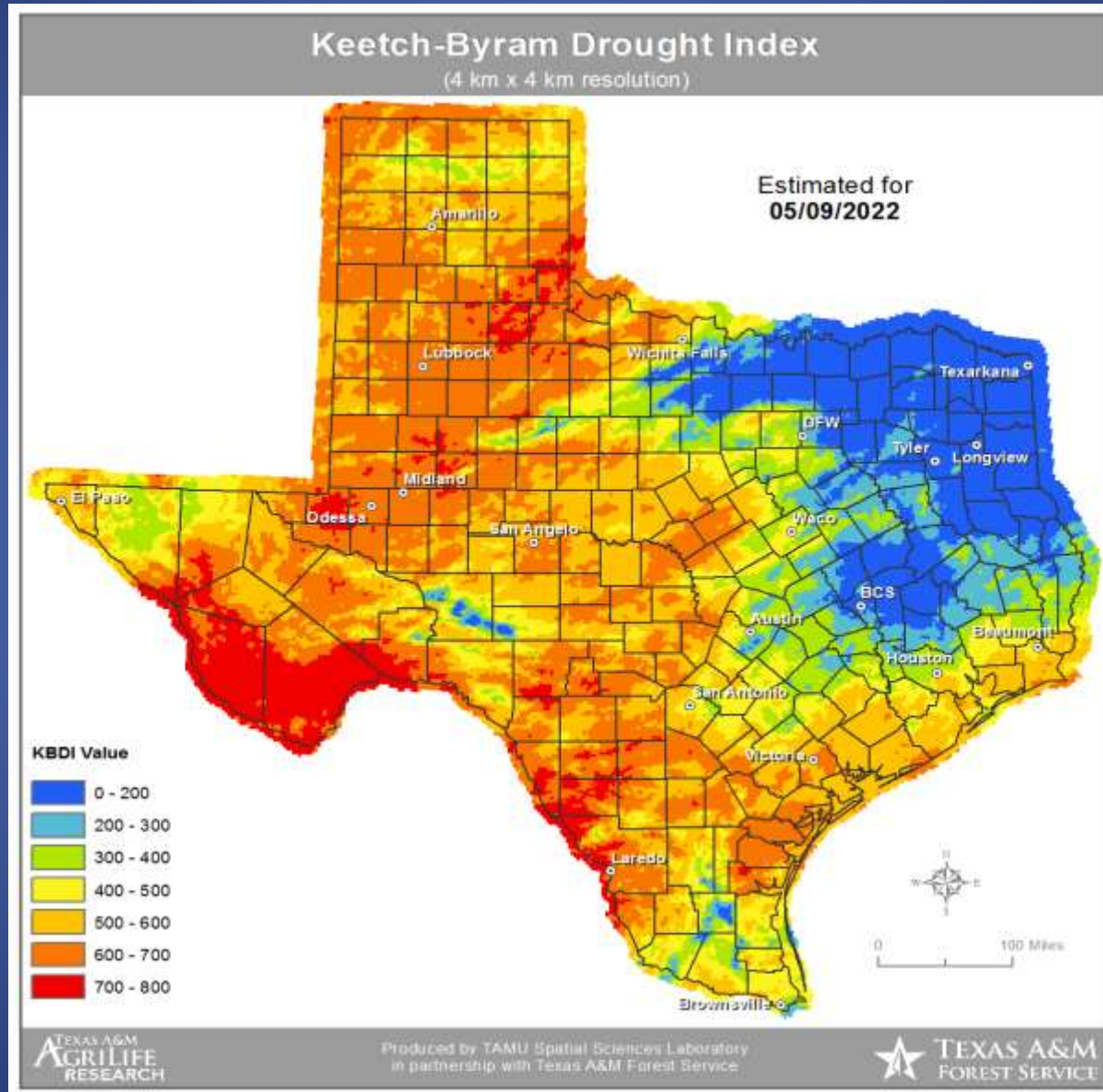
DISCLAIMER

County burn ban orders are established by county judges and/or county commissioners' courts. Texas A&M Forest Service is not responsible for establishing or removing burning bans. Texas A&M Forest Service is updating and displaying this information daily as a public service.

For more information please contact your local county judge's office or county website.

RED FLAG WARNINGS: www.weather.gov
 Additional map formats available at <https://tfsweb.tamu.edu/Burnbans/>

Keetch-Byram Drought Index

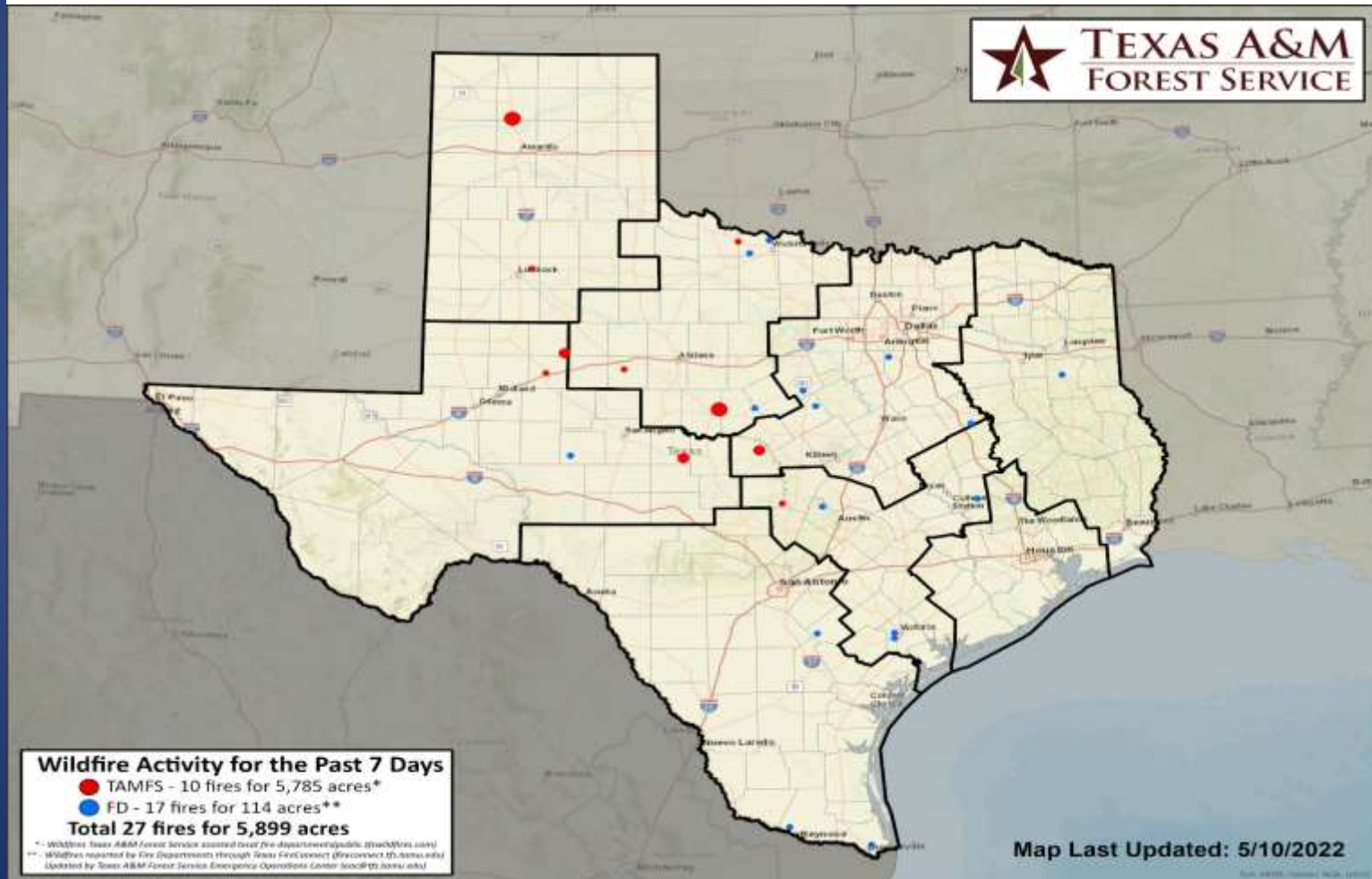


Fire Weather Warnings/Watches/Statements

| DATE | WARNING TYPE | LOCATION |
|----------|-----------------------|---|
| 05/10/22 | Fire Danger Statement | Bailey, Baylor, Castro, Cochran, Foard, Hardeman, Knox Lamb, Parmer and Swisher Counties; Delaware and Guadalupe Mountain in Culberson County |
| 05/10/22 | Red Flag Warning | Carson, Dallam, Deaf Smith, Hansford, Hartley, Hutchinson, Moore, Oldham, Potter, Randall and Sherman Counties; Palo Duro Canyon |

Fire Activity (*Last 24 Hours)

Report of 810 (+7) fires and 333,315 (+1,833) acres have been destroyed this year. There are 131 (-1) counties with burn bans. The Keetch-Byram Drought Index list 170 (no change) counties with an average over 400.



Training

| DATES | | TITLE | COURSE | LOCATION |
|----------|----------|---|---------|-------------|
| 04/04/22 | 07/11/22 | Community Emergency Response Team (CERT) Course | G-317 | San Marcos |
| 05/09/22 | 05/13/22 | NFPA 1006 2013 Edition Confined Space Rescue Levels I and II Training (Pro-Board Certification) | H-503 | Humble |
| 05/09/22 | 05/13/22 | NFPA 1072 HazMat Technician (Pro-Board Certification) | H-501 | Schertz |
| 05/09/22 | 05/11/22 | Intermediate Incident Command System for Expanding Incidents | G-300 | Seguin |
| 05/09/22 | 05/11/22 | Intermediate Incident Command System for Expanding Incidents | G-300 | San Antonio |
| 05/09/22 | 05/11/22 | Intermediate Incident Command System for Expanding Incidents | G-300 | Richmond |
| 05/10/22 | 05/10/22 | ICE-EOC Interface | G-191 | El Paso |
| 05/10/22 | 05/11/22 | Medical Management of Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Events | PER-211 | Houston |

Exercises

| DATE(S) | | AGENCY/LOCATION | EXERCISE |
|----------|----------|--|--|
| 05/10/22 | 05/10/22 | Capital Area Council of Governments (CAPCOG) | Cobalt Magnet 2022 (CM22) |
| 05/10/22 | 05/11/22 | Texas Commission on Environmental Quality/Austin | Environmental Trade Fair and Conference (ETFC) |
| 05/10/22 | 05/12/22 | Department of Energy/Houston | Clear Path Series: Functional Exercise |

Statewide Significant Events

| DATE | | LOCATION | EVENT |
|----------|----------|----------|----------------------------------|
| 05/02/22 | 05/10/22 | Houston | Concert – ColdPlay |
| 05/09/22 | 05/15/22 | Frisco | AT&T Byron Nelson PGA Tournament |